

Abstract

Background and Objectives:

Extraction of permanent teeth is performed for several reasons including dental caries, periodontal disease, prosthetic and other reasons. Loss of tooth by any reasons has its consequences that's why tooth extraction is always the last choice in dental treatments. The aim of this study was to determine the reasons of tooth extraction in patients attending surgery department of dental clinic of Ardabil University of medical sciences in 2017-18.

Materials and Methods:

After taking the acceptance of patient and doing precise clinical examination, accurate reasons of tooth extraction was marked in a checklist. The data were analyzed using statistics methods in SPSS

16.

Results:

In this 6-month study 549 teeth were extracted from 357 patients that 199 of patients were male and 158 of them were female. The most prevalent reasons were due to not restorable caries (69,76%). 19,67% of the teeth extraction were because of prosthetic reasons, 4,37% because of financial problems, 2,55% because of impaction, 1,46% were because of periodontal reasons and for every each one of endodontal, orthodontal and other reasons 0,73% of teeth were extracted. There was no tooth extracted because of supernumerary traumatic reasons.

Conclusion:

Caries and prosthetic reasons were the main reasons for tooth extraction in respondents. Proper oral health system including efficient programs focusing on prevention and treatment of caries should be created and developed.

Key words:

Tooth extraction, Permanent teeth, Preventive dentistry